Claims

1    1.    (Previously presented) A method for integrating a third-party system with an online
2          meeting system, the method comprising:
3                providing a service provider interface (SPI) defining a plurality of procedures for
4          communicating with a meeting services application of the online meeting system;
5                implementing one of the procedures of the SPI in a third-party software module of
6          the third-party system, the third-party software module performing, when executed, a
7          meeting-related operation customized in accordance with the third-party system;
8                installing the third-party software module as a plug-in to the meeting services
9          application; and
10               receiving, from the meeting services application, a call to the implemented SPI
11         procedure of the installed third-party software module to perform the meeting-related
12         operation, thereby integrating the meeting-related operation, customized in accordance
13         with the third-party system, into the online meeting system.


1    2.    (Original) The method of claim 1, wherein the called SPI procedure notifies the software
2          module of a proposed transaction of an event in the online meeting system to enable the
3          software module to perform the meeting-related operation before the event occurs.


1    3.    (Original) The method of claim 2, further comprising prohibiting the occurrence of the
2          event in response to performing the meeting-related operation implemented by the called
3          SPI procedure.


1    4.    (Original) The method of claim 3, further comprising redirecting by the called SPI
2          procedure a user of the online meeting system to an error page in response to prohibiting
3          the event.

1    5.    (Previously presented) The method of claim 2, further comprising modifying meeting-
2          related information associated with the proposed transaction of an event in response to
3          performing the meeting-related operation implemented by the called SPI procedure.

1    6.    (Original) The method of claim 1, wherein the called SPI procedure notifies the software
2          module of an event that has occurred in the online meeting system to enable the software
3          module to perform the meeting-related operation in response to the occurrence of that
4          event.

1    7.    (Original) The method of claim 1, further comprising installing a new software module
2          that implements one of the SPI procedures, and dynamically integrating the new software
3          module to the meeting services application without stopping the online meeting system.

1    8.    (Previously presented) The method of claim 1, wherein the call to the implemented SPI
2          procedure occurs in response to receiving a user request to create, edit, or delete a
3          meeting.

1    9.    (Previously presented) The method of claim 1, wherein the call to the implemented SPI
2          procedure occurs in response to detecting a state change of a running meeting.

1    10.   (Previously presented) The method of claim 1, further comprising defining a first class
2          that implements the SPI and a second class that extends the first class and implements the
3          called SPI procedure that performs the customized meeting-related operation.

1    11.   (Previously presented) An online meeting system, comprising a server system having
2          memory for storing program code and a processor for executing the program code, the
3          program code including:
4               a meeting services application for providing online meeting services for users
5          communicating with the online meeting system over a network connection;
6               a service provider interface (SPI) defining a plurality of procedures for
7          communicating with the meeting services application; and

8                             a third-party software module of a third-party system implementing one of the

9                           procedures of the SPI to perform a meeting-related operation customized in accordance

10                         with the third-party system when the procedure is called by the meeting services

11                         application, the third-party software module being installed in the memory as a plug-in to

12                         the meeting services application.

1     12.       (Original) The online meeting system of claim 11, wherein the implemented SPI

2                  procedure, when called, notifies the software module of a proposed transaction of an

3                  event in the online meeting system to enable the software module to perform the meeting-

4                  related operation before the event occurs.

1     13.       (Original) The online meeting system of claim 12, wherein the implemented SPI

2                  procedure includes program code for throwing an exception to prohibit the occurrence of

3                  the event in response to performing the meeting-related operation.

1     14.       (Original) The online meeting system of claim 11, wherein the called SPI procedure

2                  notifies the software module of an event that has occurred in the online meeting system to

3                  enable the software module to perform the meeting-related operation in response to the

4                  occurrence of that event.

1     15.       (Original) The online meeting system of claim 11, wherein the server system includes a

2                  means of storing software modules to be integrated in the online meeting system, and

3                  wherein the meeting services application periodically accesses the storage means to

4                  install dynamically any software module newly added to the storage means without

5                  stopping the online meeting system.

1     16.       (Original) The online meeting system of claim 11, further comprising program code

2                  defining a first class that implements the plurality of procedures of the SPI and a second

3                  class that extends the first class and provides a customized implementation of one of the

4                  SPI procedures defined in the first class.

1   17.   (Previously presented) An apparatus for integrating a third-party system with an online

2        meeting system, the apparatus comprising:

3            means for providing a service provider interface (SPI) defining a plurality of

4        procedures for communicating with a meeting services application of the online meeting

5        system;

6            means for implementing one of the procedures of the SPI in a third-party software

7        module of the third-party system, the third-party software module performing, when

8        executed, a meeting-related operation customized in accordance with the third-party

9        system, the third-party software module being installed as a plug-in to the meeting

10        services application; and

11            means for receiving, from the meeting services application, a call to the

12        implemented SPI procedure of the third-party software module to perform the meeting-

13        related operation, and thereby to integrate the meeting-related operation, customized in

14        accordance with the third-party system, into the online meeting system.

1   18.   (Previously presented) The apparatus of claim 17, wherein the means for receiving the

2        call to the implemented SPI procedure includes means for notifying the software module

3        of a proposed transaction of an event in the online meeting system to enable the software

4        module to perform the meeting-related operation before the event occurs.

1   19.   (Previously presented) The apparatus of claim 18, wherein the means for receiving the

2        call to the implemented SPI procedure includes means for prohibiting the occurrence of

3        the event in response to performing the meeting-related operation.

1   20.   (Original) The apparatus of claim 17, further comprising means for defining a first class

2        that implements the plurality of procedures of the SPI and a second class that extends the

3        first class and provides a customized implementation of one of the SPI procedures

4        defined in the first class.

1    21.    (Currently amended) A computer program product for use with a computer system, the

2          computer program product comprising a <u>non-transitory</u> computer readable storage

3          medium having embodied therein program code comprising:

4                program code for providing a service provider interface (SPI) defining a plurality

5          of procedures for communicating with a meeting services application of an online

6          meeting system;

7                program code for implementing one of the procedures of the SPI in a third-party

8          software module of a third-party system, the third-party software module performing,

9          when executed, a meeting-related operation customized in accordance with the third party

10         system, the third-party software module being installed as a plug-in to the meeting

11         services application; and

12               program code for receiving, from the meeting services application, a call to the

13         implemented SPI procedure of the third-party software module to perform the meeting-

14         related operation, and thereby to integrate the meeting-related operation, customized in

15         accordance with the third-party system, into the online meeting system.


1    22.    (Previously presented) The computer program product of claim 21, wherein the program

2          code for receiving the call to the implemented SPI procedure includes program code for

3          notifying the software module of a proposed transaction of an event in the online meeting

4          system to enable the software module to perform the meeting-related operation before the

5          event occurs.


1    23.    (Previously presented) The computer program product of claim 22, wherein the program

2          code for receiving the call to the implemented SPI procedure includes program code for

3          prohibiting the occurrence of the event in response to performing the meeting-related

4          operation.


1    24.    (Original) The computer program product of claim 21, further comprising program code

2          for defining a first class that implements the plurality of procedures of the SPI and a

3          second class that extends the first class and provides a customized implementation of one

4          of the SPI procedures defined in the first class.

1    25-28. (Canceled)